

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA312NW

This certificate, issued to KENMORE AIR HARBOR, INC.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product — Type Certificate Number: 5A6

Make: Cessna

Model: 180 through 180F

Description of Type Design Change: Installation of EDO 628-2960 floats in accordance with EDO Drawing No. 55770 and a positive flight control rudder trim system in accordance with Positive Flight Control Drawing No. 023-0113.

Limitations and Conditions: Approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Addendum No. SA312NW and Positive Flight Control Drawing No. 023-0113 shall be maintained as part of the permanent records for the modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: May 12, 1976

Date received:

Date of issuance: June 23, 1976

Date amended: June 6, 1977



By direction of the Administrator
Charles C. Schroeder
(Signature)

Chief, Engineering and Manufacturing Branch
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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Supplemental Type Certificate
(Continuation Sheet)

June 6, 1977 *Number* SA312NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA312NW

The conditions and limitations of the original specifications apply except as follows:

This Addendum, which is part of Supplemental Type Certificate No. SA312NW, prescribes conditions and limitations under which the STC was issued and meets the airworthiness requirements of Civil Air Regulations Part 3. A copy of this Addendum shall be maintained as part of the modified aircraft permanent records.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Kenmore Air Harbor, Inc.

CESSNA 180 THRU 180F (SEAPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA312NW

Serial Numbers Eligible: See Data Sheet 5A6

Airspeed Limits: Never exceed - 184 mph (160 Knots)
Maneuvering - 122 mph (106 Knots)
Max. structural cruising - 160 mph (139 Knots)
Flaps extended - 100 mph - (87 Knots)

Powerplant Instrument
Markings: Same as specified

Maximum Weight: 2820 pounds

Center of Gravity Limits
With EDC 628-2960 Floats: (+40.2) to (+43.9) at 2820 pounds
(+35.0) to (+43.9) at 2125 pounds or less

Placards: A placard must be installed on the instrument panel in full view of the pilot as follows:

GROSS WEIGHT IS LIMITED TO 2820 LBS.
WHEN EDO 628-2960 FLOATS ARE INSTALLED. PILOT IS RESPONSIBLE FOR PROPER LOADING. (SEE WEIGHT & BALANCE DATA)

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.